

# YUJI TABATA

## Software Engineer

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2291-2, Hamagawa, Takasaki, Gunma, 3700081, JAPAN

in yuji-tabata

## EXPERIENCE

### Software Engineer

#### SoftBank Corp.

Apr. 2018 - Ongoing

Tokyo, JAPAN

- Leading the development of a new feature of SoftBank's employee mobile app: coordinating the work of 4 different teams.
- Migrated GitLab, Kanboard (a Kanban tool), and other server software from on-premises servers to Google Cloud Platform: mostly using Google Kubernetes Engine.
- Designed and built a check-in system for shuttle buses.
- Developed PC usage monitoring software, which sends the information of currently active windows to the server.
- Built a web dashboard for smart CCTVs.
- Demonstrated a web conferencing system to over 200 engineers at a tradeshow in Cambridge, UK.

### Intern

#### Cyber Defence Institute, Inc.

Jun. 2017

Tokyo, JAPAN

- Wrote a fuzzing tool for MQTT servers to find a security hole.
- Leaned about practical computer secu.

## EDUCATION

### M.S. in Information Science

#### Tohoku University

Apr. 2016 - Mar. 2018

Sendai, JAPAN

- Researched the safety of messaging protocols.
- Studied the mathematical foundation of modern cryptography.

### B.E. in Computer Science

#### Tohoku University

Apr. 2012 - Mar. 2016

Sendai, JAPAN

- Researched the methods of computer program verification.
- Studied the logics and the theory of computation.

## CERTIFICATES

### Certified Kubernetes Application Developer

Oct. 2019

Cloud Native Computing Foundation

### Applied Information Technology Engineer

Jun. 2014

Information-Technology Promotion Agency, Japan

## SUMMARY

I am a dexterous software engineer with a lot of ground-up software development experience on a wide variety of platforms. I design systems with a bird's-eye view and lead the whole development process.

## SIDE PROJECTS

### Bluetooth-Controlled Car

 Video  iOS app  Arduino


Control a toy car with your iPhone


### NFC Candy Dispenser Machine


 Video  Arduino

Scan an NFC tag to get candies

## FUN FACTS

 "Emotenashi" Instant Drawing Club  
Drew hundreds of people at events.

 Survival in India for 2 Weeks  
Robbed of everything on day 1 except for my passport and a flight ticket.

 Shakespeare Company Japan  
Performed as an actor in many places including Tokyo and tsunami-hit areas.

## SKILLS

Project Leadership

System Design

GCP

Firebase

Docker

Kubernetes

Web

iOS

Android

Arduino

Linux

macOS

Windows

Spring

Django

Actix

React

Swift

Kotlin

Java

Go

Python

TypeScript

JavaScript

C

C#

Rust

Shell

Lisp

Haskell

## LANGUAGES

Japanese  
English  
Mandarin  
Spanish

